

The Master's Touch
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 Glendale, AZ. 85303
 Phone: 1-623-889-0313

Safety Data Sheet


Section 1: Product and Company Information

Product Identifier

Product Name: **Heavy Duty Tile & Grout Cleaner**
Product Number: 20-271

24 Hour Emergency Phone Numbers: 1-800-535-5035

Section 2: Hazards Identification

<u>GHS Classification</u>	Skin Corrosion/irritation; Category 1, Subcategory C Serious eye damage/eye irritation; Category 1
<u>GHS Label Elements</u>	
Signal Word:	DANGER
Symbols:	
Hazard Statements:	H319 Causes serious eye irritation. H302 Harmful if swallowed.

Appearance: Yellow Liquid

Physical State: Liquid

Odor: Mild Citrus

Precautionary Statements – Prevention	Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statements – Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately contact a poison control center or doctor/physician. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Precautionary Statements – Disposal & Storage	Store locked up. Dispose of contents/container to an approved waste disposal plant.
Hazards not otherwise classified (HNOC) Other information Unknown Acute Toxicity	2.5% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
Potassium Hydroxide	1310-58-3	5-10%	*
Ethylene Glycol Monobutyl Ether	111-76-2	5-10%	*
Trade Secret	Proprietary	Proprietary	*
Trade Secret	Proprietary	Proprietary	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

General Advice:	
Eye Contact:	Immediately rinse with plenty of water, also under eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
Skin Contact:	Wash off immediately with plenty of water for 15 minutes. Remove contaminated clothing and wash before re-use. If skin irritation persists, call a physician.
Inhalation:	Remove to fresh air. Call a physician or poison control immediately.
Ingestion:	Do not induce vomiting. Drink plenty of water or milk. Get medical attention immediately.
Self-protection for first aider:	
Note to physicians:	Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Water Spray (Fog), Dry Chemical, Foam or CO ₂
Hazardous Combustion Products:	None Known
Specific Hazards Arising from Chemical:	None Known
Protective equipment and precautions for fire-fighters:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

Section 6: Accidental Release Measures

Personal Precautions:	Isolate hazard area and restrict access.
Spill Clean-Up:	Put on appropriate personal protective equipment (see section 8). Prevent further leakage or spillage if safe to do so. Neutralize and mop up. Contain and collect with an inert absorbent and place into appropriate container for disposal. For waste disposal, see section 13.

Section 7: Handling and Storage

Advice on Safe Handling:	Do not breathe dust/fum/gas/mist/vapors/spray. Wash thoroughly after handling. Use personal protection as recommended in Section 8.
Storage Conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep away from heat.
Incompatible Materials:	Strong oxidizing agents, Acids, Amines, Organic materials, Aluminum, Zinc, Copper, Tin.

Section 8: Exposure Controls

<u>Control Parameters</u>	<u>Exposure Limits</u>
Potassium Hydroxide 1310-58-3	OSHA PEL (vacated) Ceiling 2mg/m ³
Ethylene Glycol Monobutyl Ether 111-76-2	OSHA PEL TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*
Trade Secret	OSHA PEL 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)

Personal Protective Equipment	
Eye/Face Protection:	Chemical goggles or safety glasses
Skin and Body Protection:	Chemical resistant impermeable gloves
Respiratory Protection:	No respiratory protection is necessary during normal use conditions. In case of insufficient ventilation or if exposure limits are exceeded, use a suitable NIOSH/MSHA respiratory device.
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Color:	Yellow
pH:	13.5 – 14.5	Odor:	Mild Citrus
Boiling Point:	Not determined	Vapor Pressure: MM HG/20 DEG, C:	Not Available
Specific Gravity:	1.07	Evaporation Rate: (Butyl Acetate = 1)	Not Available
Solubility:	100%		

Section 10: Stability and Reactivity

Chemical Stability and Reactivity	The product is stable under normal storage conditions.
Possible Hazardous Reactions	None under normal processing.
Conditions to Avoid	None known.
Incompatible Materials	Strong oxidizing agents, Acids, Amines, Organic materials, Aluminum, Zinc, Copper, Tin
Hazardous Decomposition Products	None known based on information supplied.

Section 11: Toxicological Information

Acute Toxicity				
Product/Ingredient Name	Result	Species	Dose	Exposure
Potassium Hydroxide 1310-58-3	LD50 Oral	Rat	214 mg/kg	-
Ethylene Glycol Monobutyl Ether 111-76-2	LD50 Oral LD50 Dermal LC50 Inhalation	Rat Rat Rat	470 mg/kg 2270 mg/kg 2.21 mg/L	- - 4 h
Trade Secret	LD50 Oral	Rat	847 mg/Kg	
Trade Secret	LD50 Oral	Rat	7200 mg/kg	
Trade Secret	LD50 Oral	Rat	10 g/kg	

Information on likely routes of exposure	
Product Information	
Eyes:	Causes severe eye damage.
Inhalation:	Avoid breathing vapors or mists.
Skin Contact:	Causes severe skin burns.
Ingestion:	Harmful if swallowed.
Chronic effects of exposure:	

Section 12: Ecological Information

Environmental Effects:	No data available.
General Notes:	An environmental hazard cannot be excluded in the event of unprofessional handling or exposure.

Section 13: Disposal Considerations

Waste Information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.
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Section 14: Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	NA1760	Compounds, Cleaning liquid (Potassium Hydroxide)	8	III	
IMDG Class	UN1760	Corrosive Liquid, n.o.s.(Potassium Hydroxide)	8	III	
IATA Class	UN1760	Corrosive Liquid, n.o.s. (Potassium Hydroxide)	8	III	

NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packaging Group

Section 15: Regulatory Information

	Component	Report Quantity (RQ)
CERCLA	Potassium Hydroxide (1310-58-3)	1000 lbs. final RQ 454 kg final RQ
Clean Water Act (CWA)	Potassium Hydroxide (1310-58-3)	1000 pounds

Section 16: Other Information

	Health Hazards	Flammability	Physical Hazards	Personal Protection
HMIS	3	0	0	Not Determined
NFPA	Not Determined	Not Determined	Not Determined	Not Determined

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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.